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Subject: [railML3] Mounting information of signals  
Posted by [Georg Boasson](#) on Mon, 18 Dec 2023 10:14:24 GMT  
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For information and compatibility with railML2, a new attribute @mountedOn (railML2.4nor is using the name @mounted) is wanted in the <signalConstruction> element. The main issue for this attribute will be information about how the signal is physical mounted. The attribute may be optional. Proposed enumeration values as in railML2.5:

MountedOn: The way the signal is physical mounted (optional; xs:string; patterns: other:w{2,})

- pole: The signal is mounted on a pole along the track
  - gantry: The signal is mounted above the track
  - wall: The signal is mounted on a wall
  - ground: The signal is mounted on the ground
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Subject: Re: [railML3] Mounting information of signals  
Posted by [christian.rahmig](#) on Fri, 05 Jan 2024 12:35:54 GMT  
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Dear Georg,

thank you very much for your input / modeling request and Happy New Year!

As your modeling proposal is already very detailed, it will be easy to put it into a Git issue for upcoming railML version 3.3.

Are there other members in the railML community that need this information about the signal mounting, too?

Thank you very much and best regards  
Christian

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Subject: Re: [railML3] Mounting information of signals  
Posted by [Martin Zien](#) on Wed, 17 Jan 2024 16:15:28 GMT  
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Hello Christian, hello Georg,

yes, I can agree that such an extension makes sense and would be a useful completion of the set of information provided in railML 3.x.

If such information would be provided as machine readable input from an Infrastructure Manager, it's not necessary to collect it additionally from documents like Basic Design Specifications or by Site Surveys.

Having it as optional element, would still allow the way of working in the conventional way, if

necessary.

Would be interesting to read, what other members think in this matter.

Best regards  
Martin Zien  
(Siemens Mobility)

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Subject: Re: [railML3] Mounting information of signals  
Posted by [Larissa Zhuchyi](#) on Fri, 19 Apr 2024 09:58:47 GMT  
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Dear all

This topic is now concluded with a ticket in the GitLab repository [1]. Please let us know if it does not meet your expectations.

[1] <https://development.railml.org/railml/version3/-/issues/533>

Sincerely,

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Subject: Re: [railML3] Mounting information of signals  
Posted by [Francesca Iannaccone](#) on Tue, 23 Apr 2024 10:10:04 GMT  
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Dear all,

sorry for the late reply. I think that the attribute is useful and I agree on the proposed values!

Kind regards,  
Francesca Iannaccone (NEAT)

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Subject: Re: [railML3] Mounting information of signals  
Posted by [Martin Zien](#) on Fri, 03 May 2024 13:44:48 GMT  
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Dear all,

I would like to add one more option to the discussion:

From experience in daily business in relation to Marker Boards, I would recommend to introduce a

further option (see also attachment):

bufferStop: The signal (typically a board like ETCS- Stop Marker board) is mounted on a Bufferstop that terminates a dead end track.

I agree to the other options presented in the discussion above.

Best regards  
Martin Zien  
(Siemens Mobility)

## File Attachments

1) [Markerboard\\_on\\_BufferStop.png](#), downloaded 26 times

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Subject: Re: [railML3] Mounting information of signals  
Posted by [Larissa Zhuchyi](#) on Fri, 03 May 2024 14:43:17 GMT  
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Dear all

We have now two proposals on the representation of a signal at buffer stop. Do you see them as alternative, complementary etc.? Please provide your comments.

Proposed solutions:

- signalIS/signalConstruction/@type="virtual". A similar issue documented in the Wiki [1] of railML3 after the meeting of Schematic track plan working group.
- signalIS/signalConstruction/mountedOn="bufferStop". Solution coming from this forum thread.

[1] <https://wiki3.railml.org/wiki/IS:signalConstruction>

Sincerely,

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Subject: Re: [railML3] Mounting information of signals  
Posted by [Larissa Zhuchyi](#) on Mon, 13 May 2024 14:28:09 GMT  
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Dear Mr Zien

Please see the issue / ticket for the railML 3.3 development [1] changed according to your request i.e. new enumeration value added "bufferStop" to the attribute @mountedOn.

[1] <https://development.railml.org/railml/version3/-/issues/533>

Sincerely,

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Subject: Re: [railML3] Mounting information of signals  
Posted by [christian.rahmig](#) on Fri, 21 Jun 2024 10:35:37 GMT  
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Dear all,

in case you have any further comments and ideas for modelling the mounting of signals apart from the ones already mentioned in ticket #533 [1] please let us know. The ticket will be the base for implemented solution in railML 3.3.

[1] <https://development.railml.org/railml/version3/-/issues/533>

Thank you very much and best regards  
Christian

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